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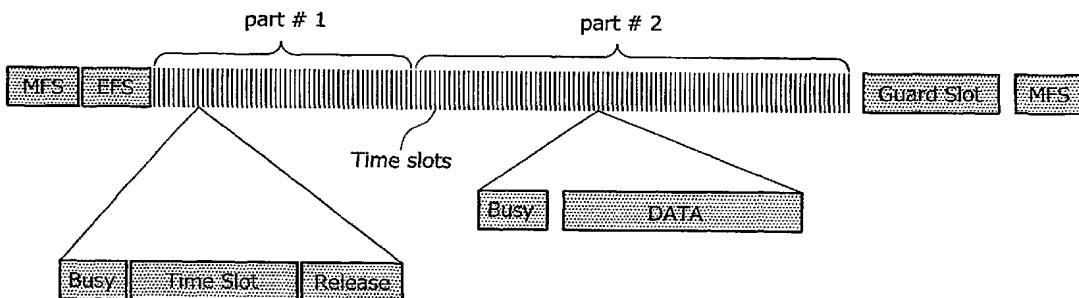
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(54) Title: A METHOD OF DISTRIBUTED ALLOCATION FOR A MEDIUM ACCESS CONTROL, A METHOD FOR RE-ORGANIZING THE SEQUENCE DEVICES ACCESS A MEDIUM, A METHOD FOR AVOIDING COLLISION, A METHOD OF SYNCHRONIZING DEVICES IN A SHARED MEDIUM AND A FRAME STRUCTURE



(57) Abstract: A method of distributed medium access control wherein a device that intends to send data first monitors the medium, then pre-occupies a slot and only in case a collision has not occurred starts sending the data. A method for re-organizing the device's sequence for the medium access by using a busy priority signal wherein the device with the highest priority occupies the unused slot and updates its slot number accordingly. A method for avoiding collision wherein a guard slot is generated just before the beginning of the MFS. A method for synchronizing a device by sensing the medium for a MFS or an EFS. A frame structure with a MFS, an EFS and a transmission portion with both a part for real-time and a part for non real-time transmission.

WO 2005/078980 A3